

In the claims:

1 – 15. (Canceled).

16. (currently amended) ~~The spraying device of claim 1,~~ A spraying device comprising:

a cartridge containing a first liquid, the cartridge being removably connected to a sprayer body, the cartridge being oriented such that gravity exerts a downward force on the first liquid;

the sprayer body comprising:

a conduit for receiving a second liquid;

a movable valve structure having first and second liquid passageways, the first passageway communicating with the first liquid from the cartridge and the second passageway communicating with the second liquid flowing from the conduit;

a manual actuator positioned in operative relationship with the movable valve structure enabling movement of the valve structure between at least three discrete positions including:

a) a first position enabling the second liquid to flow through the valve structure to create a reduced pressure in the valve structure which draws the first liquid out of the cartridge and into the valve structure whereby the first and the second liquids mix to form an outlet stream which flows through the valve structure;

b) a second position enabling the second liquid only to flow through the valve structure and blocking the flow of the first liquid through the valve structure, and

c) a third position blocking the first and the second liquids from flowing through the valve structure; and

an orifice disposed in the spraying device for metering a predetermined amount of the first liquid from the cartridge into the valve structure when the valve structure is in the first position to achieve a predetermined ratio of the first liquid to the second liquid in the outlet stream;

wherein the cartridge includes a secondary threaded closure.

17 - 18. (canceled).

19. (Previously Presented) A spraying device comprising:

a sprayer body coupled to a cartridge containing a first liquid;

the sprayer body comprising:
a conduit for receiving a second liquid;
a valve structure coupled to the conduit, the valve structure allowing passage of the second liquid through the valve structure to create a reduced pressure that draws the first liquid out of the cartridge and into the valve structure without the need for a dip tube, the valve structure enabling the first and the second liquids to mix and form an outlet stream, the valve structure being movable between at least three positions including a first position for allowing the first and the second liquids to flow, a second position for allowing the second liquid to flow and for blocking the first liquid, and a third position for blocking flow of the first and second liquids; and
an orifice disposed in the spraying device for metering a predetermined amount of the first liquid into the valve structure to achieve a predetermined ratio of the first liquid to the second liquid in the outlet stream.

20. (Original) The spraying device of claim 19, wherein the metering orifice is disposed in the sprayer body.

21. (Original) The spraying device of claim 19, wherein the metering orifice is disposed in the cartridge.

22. (Original) The spraying device of claim 19, wherein the metering orifice is on a metering disc that is adjustable to select one of several orifice sizes.

23. (Previously Presented) The spraying device of claim 19, further including a spray nozzle coupled to the valve structure and being rotatably adjustable to provide different spray patterns.

24. (Previously Presented) The spraying device of claim 19, wherein the cartridge is capable of being disconnected from the sprayer body to enable the first liquid to be dispensed from the cartridge by squeezing the cartridge in an inverted position.

25. (Original) The spraying device of claim 19, wherein the cartridge includes a check valve.

26. (Previously Presented) The spraying device of claim 19, further including a hose coupler that is connected to the conduit and includes an anti-siphon unit.

27. (Currently Amended) A spraying device comprising:

a sprayer body for removable connection with a cartridge containing a first liquid, the cartridge being oriented such that gravity exerts a downward force on the first liquid fluid;
the sprayer body comprising;
a conduit for receiving a second liquid;
a rotatable valve structure coupled to an actuator and the conduit,
a rotatable valve structure allowing the second liquid to flow through the valve structure to create a low pressure that draws the first liquid out of the cartridge and into the valve structure without the need for a dip tube, the rotatable valve structure enabling the first and the second liquids to mix and form an outlet stream,

the actuator and the rotatable valve structure being movable between at least two positions including a first position for allowing the first and the second liquids to flow and a second position for allowing the second liquid to flow and for blocking the first liquid from flowing; and

an orifice disposed in the spraying device for metering a predetermined amount of the first liquid into the valve structure to achieve a predetermined ratio of the first liquid to the second liquid in the outlet stream.

28. (Original) The spraying device of claim 27, wherein the metering orifice is disposed in the sprayer body.

29. (Original) The spraying device of claim 27, wherein the metering orifice is disposed in the cartridge.

30. (Original) The spraying device of claim 27, wherein the metering orifice is on a metering disc that is adjustable to select one of several orifice sizes.

31. (Previously Presented) The spraying device of claim 27, wherein the cartridge is capable of being disconnected from the sprayer body to enable the first liquid to be dispensed from the cartridge by squeezing the cartridge in an inverted position.

32. (Original) The spraying device of claim 27, wherein the cartridge includes a check valve.

33. (Previously Presented) The spraying device of claim 27, wherein the actuator and the rotatable valve structure are movable into at least a third position wherein the flow of the first and the second liquids are blocked.